Mer

Troop

Sic # 15
~~Enclosed~~
Howland
14-17 Oct 1966

Howland

Thompson

Oct 14, 15, 16, 17,
1966

CPA
KMSP
Due 2/8/69

Howland 15 Oct. 1966

Bands Received

777-57801-58000
USED - Lesser Kingfishers
777-56501-56600

USED - Lesser Kingfishers

~~737-26~~

737-266..
check and
make sure they are
Blue-face.

Oct 15 1966

BANDING
Lesser Kriyate

Chiens
777-58801-58000

777-56501-56600

BFB Howland Island
Oct. 14 1966
RETURAS

0737 – 20673 Z —

✓ MDP Oct 14 1966

(17)

#	BFB	RETURN	Sex		Marks
1					
2	737-49741	✓	♂	✓	—
3	737-82007	✓	♀	✓	—
4	737-39534	✓	♂	✓	—
5	737-49678	✓	♀	✓	—
6	737-20878	✓	♀	✓	—
7	737-53352	✓	♀	✓	Small Black
8	587-82142	✓	♀	✓	
9	737-27749	✓	♂	✓	Black
10	737-27561	✓	♂	✓	Imm
11	737-53275	✓	♂	✓	
12	587 82813	✓	♀	✓	
13	737-62873	✓	♂	✓	
14	737-23514	✓	♀	✓	
15	737-49718	✓	♂	✓	
16	737-20853	✓	♀	✓	Dmm
17	587 85050	✓	♀	✓	
18	—— 37		♂		1 Egg
19	737 53265	✓	♀	✓	

Oct 14, 1966 (19)

BFB - Return ADP

737-20983 V ♂ ✓
737 49704 V ♂ > ✓
737-20965 V ♀ ✓
737-28919 V ♂ ✓
757-62900 V ♀ ✓
731-53413 V ♂ } with
737-49669 V ♀ } small Chas
737-49725 V ♂ > Dm ✓
737-27747 V ♀ ✓
3 20558 V ♀ > Dm ✓
3 39955 V ♂ —
3 28658 V ♂ ✓
3 49671 V ♀ ✓
3 28705 V ♂ > small Chas ✓
3 53344 V ♀ ✓
3 49689 V ♂ ✓
5 62876 V ♂ ✓
3 53272 V ♀ > Dm ✓
3 20969 V ♂ ✓

Oct 14 1966

Brown — ADP

Boody Refores

557-83421

BFB OCT 14, 1966 (16)

RETURN ✓ ADP

~~757 62876 ♀~~ ✓

737 27815 V ♂ ✓

737 53349 V ♀ > ✓

737 49687 V ♂ > ✓

737 20616 V ♀ > Dan

7 ——— 28

737 53438 V ♀ > Check ✓

737 53259 V ♂ > again

737 39974 V ♂ ✓

737 39708 V ♀ ✓

737 20796 V ♂ > ✓

737 20729 V ♂ ✓

737 20731 V ♂ > ✓

587 60814 V ♀ ✓

757 65249 V ♀ ✓

31 ♂ >

3 39983 V ♀ ✓

3 20956 V ♂ > ✓

3 53218 V ♀ ✓

2^7 (M)

BfB Oct. 14, 1966 (18)

RETURNS

737-20931 ♂ ADP ✓

737-39920 ♂ ✓

5 60013 ♂ ✓

3 28928 ♀ ✓

3 20732 ♀ 5 Check

587-83322 ♀ 2 Eggs ✓

3 39845 ♂ ✓

3 27843 ♀ ✓

3 39929 ♂ ✓

3 53252 ♂ ✓

5 65334 ♂ ✓

3 81505 ♂ ✓

— 29 ♀

3 39941 ♀ ✓

5 62788 ♂ 2 Eggs ✓

3 49828 ♀

558 85027 ♀ 2 males ✓

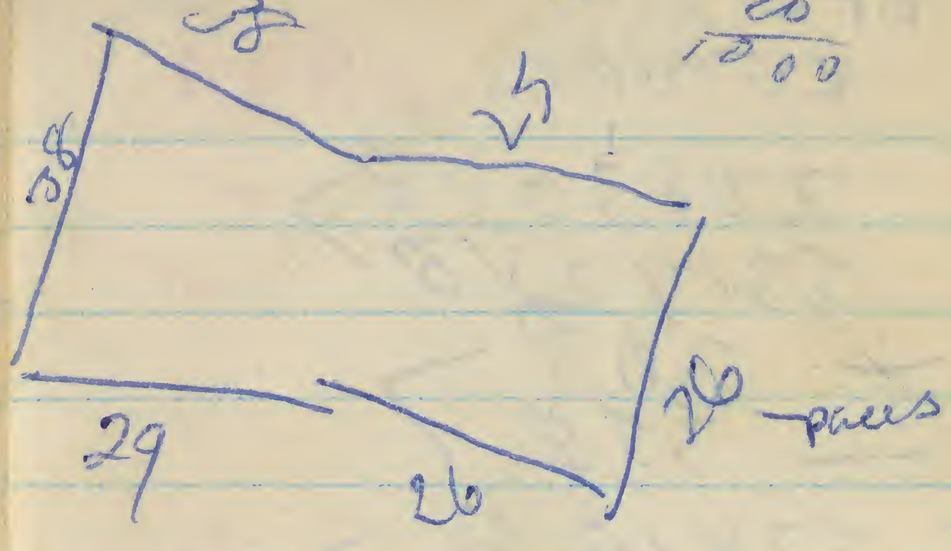
3 20730 ♂ Chicks ✓

3 27983 ♀ Loose ✓

BFB
RETURNS ✓ADD

3 22830 V ♀ > ✓
3 53192 V ♂ > ✓
— 300 >
— 35♀ >
3 53410 V ♀ > ✓
3 53222 V ♂ > ✓
757 65183 V ♀ > ✓
3 22845 V ♂ > ✓
587 - 83341 V ♀ > ✓
3 27984 V ♂ > ✓
3 39954 V ♂ > ✓
3 28867 V ♀ > ✓
3 39778 V ♂ ✓
737 - 48838 V ♀ CC No good ✓
568 - 71050 V ♀ CC ✓
558 - 80854 V ♀ CC No good

d-91 650 CC
56
558 - 80854
558 - 80854
558 - 80854
87 83 42 1
BB



10 50
20
1000

15 36
38 29
63 55

$(\frac{1}{2}a+b)h$

$\frac{1}{2}$

63 36
55 26
118 62
180 64

32

32 · 60 = 1920

100

19

totals

4
32
36
54
56
57
65
42
48
391

48.9

319

Oct 15 1966

Lessa Knysette

Forages —

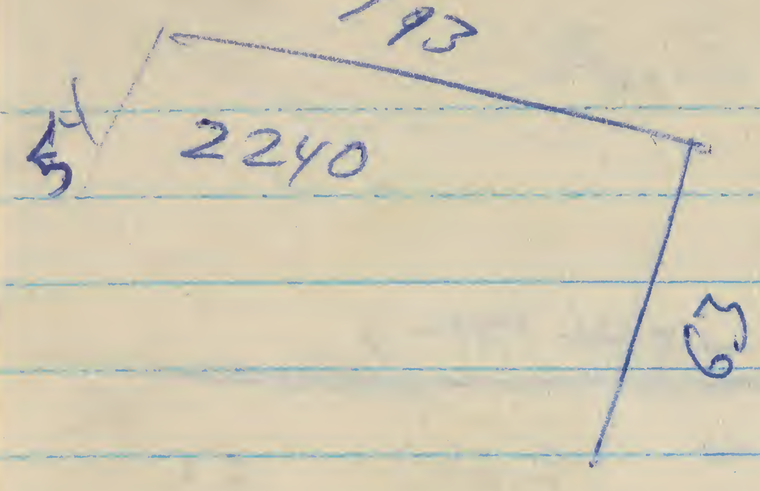
Chicks — ~~HH HH~~ /

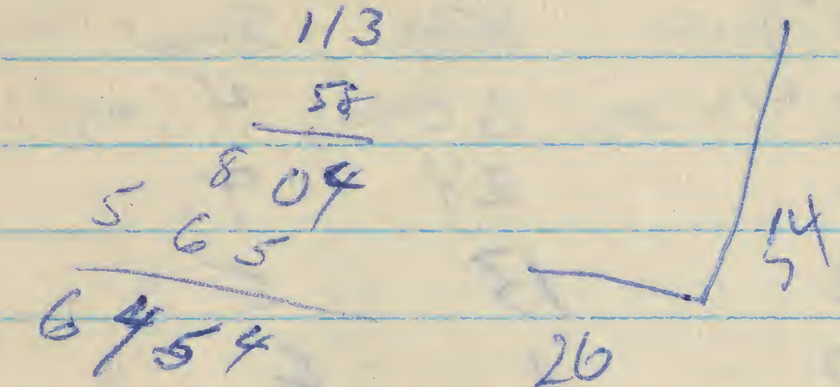
	2 chicks 10 x 10	Egg	SC
1	29 chicks	1 Egg	3 small chicks
2	26 chicks	6 Eggs	4 small chicks
3	21	24	9
4	38	13	5
5	50	1	6
6	55	24	8
7	15	12	15
8	46	1	1
total	280	60	51
	35	7.5	6.3

OCT 15, 1966

35
700 150 126

2240 460.0 396.0
1404 101.0 91.0
3644 561 487.0





64 150
35 64
320
192
2240

54 65
26 14
324 260
108 7.5
1404 14
260
75
10

64
75/0
328
42

64
65/0
324
36

Oct 15, 1966

Grant Krysko

L Checks — 104

Sm 1111

Bm 11

137-53165

BFB Nursery BFB

1 EGG

2 EGG

1 Egg / 1 Chick

1 Sm Chick

2 Small Chick

Oct 16, 1966

1 Large Chick

1 Immature

BB

Nest - 111

1 Egg 11

2 Egg - 111

3 Egg 1

4 Egg - 1

2 SC 1

Dam - 111

Mural Clubs

35-40 BBrothers

25- BKB

15 BKB +10TBB

943-45223 STERN
Recovery

7530-222-0078

FEDERAL SUPPLY SERVICE

GPO c43—16—73124-2

Howland

Sic #15
Howland
14-17 Oct. 1966

HOWLAND

ISLAND

Oct 14 – 17

1966

TUXSON

T

Tucson

(16) ✓RDP

OCT 14 BLUEFACED BOOBY RETURNS

#		STATUS	SEX
737-20801	V ✓	ROOSTING	F
737-23589	V ✓	R	M
737-20793	V ✓	R	M
737-39511	V ✓	w/imm	M
737-20798	V ✓	w/imm	F
757-63372	V ✓	R	M
777-54562	V ✓	R	M
587-34380	V ✓	Bad Number	F
737-20788	V ✓	R	M
737 53080	V ✓	w/imm	F
737-53488	V ✓	"	M
737-63079	V ✓	2egg	M
737-49860	V ✓	2egg	F
587-83312	V ✓	l/ch	M
737-39604	V ✓	"	F
567-72059	V ✓	R	F

✓RDP 9/66

(16)

OCT 14 - BLUEFACED BOOBY Returns

#		STATUS	SEX
737-28577	V ✓	l/chick	F
737-39530	V ✓	"	M ✓
737-20821	V ✓	R	F ✓
737-39535	V ✓	imm	M ✓
737-23614	V ✓	"	F ✓
737-53499	V ✓	R	M ✓
737-20817	V ✓	w/imm	M ✓
737 20811	V ✓	"	F ✓
737-39610	V ✓	l/chick	F ✓
737-44653	V ✓	l/chick	M ✓
737-20779	V ✓	l/chick	F ✓
737-39806	V ✓	l/chick	F ✓
737-23561	V ✓	imm	F ✓
737-49800	V ✓	imm	M ✓
737-28799	V ✓	l/chick	M ✓
737-39529	V ✓		F ✓

(19) BF Bagley Oct 18

#	St.	Sex
737-49720		M
757-62841		F
737-28895		M
757 63239		F
737-20676		F
737-53113		F
558-85071		F
737-20823		M
737-20774	lch	M
737-28780	"	F
757-62858	smck	M
737-20819	Linn	F
737-53141	"	M
737-53114	"	F
737-53120	lch	M
757-62988		M
757-63100		F
737-23585	lch	M
737 28759	lch	F

1966 NDP (20)

#	St.	Sex
587-83307	lch	M
737-20013	Wess	F
568-72043		M
737-28684		F
737-28795	Linn	M
737-53195		F
737-53191		M
587-80843	Wess	M
757-63122		F
587 85042		M
587-80915		F
587-68112		F
737-20867	Lch	F
587-82811	Smch	F
737-39637		F
757 65057	Wess	M
737 53278	lg Chuck	M
737-27905		M
737-28841	L Chuck	F
737-20750		M

Not original #

General Account + Survey Oct 14-17

Oct 15 - Surveyed RTB nests painting and repainting nest sites.

① An adult was spotted flying - 4 bars on abdomen

② Adult - circle on abdomen

③ adult - bar on left wing

Sooty Terns - A swirl of approx. 15-20'000 birds was observed over the colony site - upon closer exam, we found that the only the birds with immatures were sitting - Many blue streamered immatures were observed flying while one whole loafing area (50' x 20') was covered with live blue streamered buds - Around the periphery of this colony dead immatures were observed - The mortality ~~rate~~ (since last month) does not seem to be too high (5-8%)?

BFB - seem to be increasing

(19) ✓ ADP Oct 14 19 62

757	68247 ✓	Mich	✓	F
757	63252 ✓	R	✓	M
737	27819 ✓	R	✓	F
737	49686 ✓	Leh	✓	M
558-	85098 ✓	R	✓	F
737-	28758 ✓	Less	✓	M
737	53432 ✓	R	✓	M
568-	71382 ✓	R	✓	F
737	53347 ✓	Jess	✓	M
737	20942 ✓	unn	✓	M
737	39950 ✓	Leh	✓	F
757	68407 ✓	R	✓	F
737	20942 ✓	R	✓	M
737-	28736 ✓	R	✓	M
587	83208 ✓	R	✓	F
737	53409 ✓	R	✓	M
737	49625 ✓	R	✓	M
737	39763 ✓	R	✓	F
757	62814 ✓	R	✓	F

in numbers since last month. One nocturnal survey showed that the black pop. at night is several times that of the day. As we walked the beach the club kept moving away from us. All stages of breeding was observed.

2 BFB with green paint observed - Today - Baker Beach.

RTTB - Breeding stage seemed to be past only 5 - large chicks seen today.

Oct 15 - Banding

Bands closed

777-56701-7000

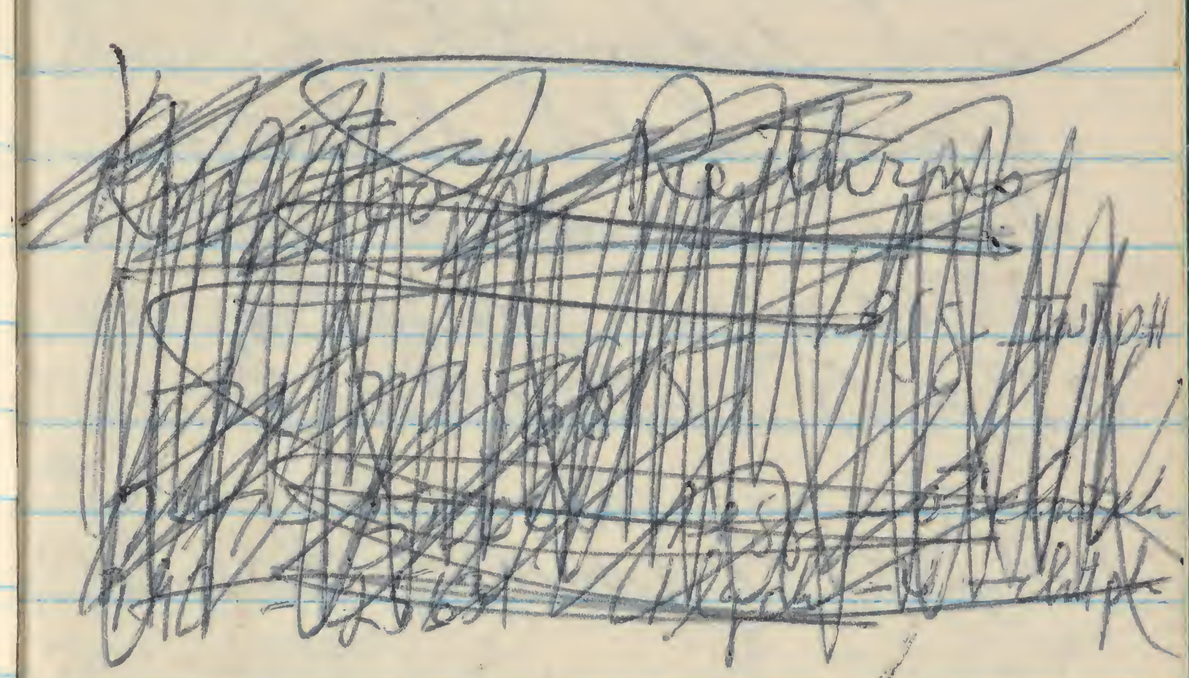
TOTAL - 300 BANDS

Bands Used

777-56701-700

300 Bands Used.

Lesser Frigates



Oct 15 - Found a ~~Great~~ Great Frigate Nest marked with 1 Blue streamer - Cordea (dead) 1 medium sized chick was occupying it.

Oct 15 1966

Shorebirds - at least 5 flocks of RT seen today - Each flock had between 11-18 birds - No streamers sighted -

BP - 5 individuals

WT - 7 individuals

1966

Oct 15 - night - VATP

Red Foot Returns

Band #	status	sex	color
747-56815	- less	U	clut.
~~747-57004~~	~~less~~	~~O~~	~~clut~~
~~797~~ 25631	lgdark	U	clut
747-56987	- less	O	clut
707-48257	- R	- U	- clut
747-56818	- less	U	- Pph ?
777-54733	- R	- SA	- ———
777-56009	- less	- O ?	- Pph
737-81565	- R	SA	- ———
777 55102	- less	- O	clut ph
777-54837	less	U	- clut

Oct 15 – found unbanded
dist Abaxe RFB on
naked chick –
in dead Cordia tree –
the nest had been
previously marked with
a blue paint spot –

OCT 15 (night) – The majority
of the Lesser Frigate chicks
are of the large stage. Breeding
egg layings seemed to be at
a minimum, when compared
with last month's survey.

Great Frigate – all were
in last stages of
development before becoming
flying immatures. No
Great Frigate eggs or
small young were observed.

Red Footed Boobies – 5 nesting
buds picked up –
were unbanded – all
the dead Cordia trees
which surround the
Lesser Frigate colony.

Oct 16 – during island
survey, I saw one adult
BFB on 2 eggs – that female
its lair in what
appeared to be a
nervous reaction.

OCT. 16 — NEST COUNT //

	legs	eggs	small N:	large N:	immature:
Blue faced Booby	//// ///	//// ////	///	1	//// //// //// //// ///
Brown Booby	/				
FRIGATE					

Oct 16

Shorebirds

GP - III
BTC - III
RT - I

WT - IIII

(DIURNAL)

1 BFB Club - approx 25 birds seen today on South shore.

1 Common Woodly - Roosting on North Beach

Nocturnal

While banding LF it was noticed that numerous (40 x 15') head been overgrown with new Tribulus plants - During the growth the entire nesting area had been covered (eggs and nests) How big a factor is this in LF breeding?

7530-222-0078

FEDERAL SUPPLY SERVICE

GPO c43—16—73124-2

Mercy Ship

Sic #15
Howland
14-17 Oct 1966

Howland Island

Blood Catalogue

200 Sera samples

125 - BFB.
50 LF.
25 - ST

Extracted from
with Source
Doc CAT 2/8/19

BLOOD

125 BFB
50 LF
25 ST

#
602

CODE: L6j

200 Blood Samples — Howland Is. Oct. 16 1966

Spot checked

#	species	Age	Sex	Status	Band #
	BFB				
602		A	F	Lgchick	✓ 737-27524
603		A	F	R	✓ (737-49719
604		A	M	R	(737 396 ?
605		A	M	Lgchick	737-235 ?
606		A	M	legs/naked ch	737-235 ?
607		A	F	R	(737-25828
608		A	M	R	(737-5339 ?
609		A	AM	R	NB 737-82454
610		AM	M	Leg	✓ 587-83640
611		A	M	R	737-27507
612		A	F	lgch	✓ 737-53426
613		A	M	R	✓ 737-44506
614		A	F	R	587-83281
615		A	F	chick	737 27511
616		A	M	R	(757-63083
617		A	F	R	(737-27508
618		SA	—	R	568-70621
619		A	F	R	✓ 757 63426
620		A	M	Lgch	737-25812

Oct 16, 1976

#	Species	Age	Sex	Status	Band #
621	BFB	A	M	~~STR~~ R	587-83298
622		A	M	R	757-62906
623		A	M	immature	737-20704
624		A	F	immature	737-20705
625		A	F	smchick	737-35831
626		A	M	smchick	587-84032
627		A	M	R	737-27807
628		A	F	R	587-83328
629		A	F	R	737-20701
630		A	F	R	737-53389
631		A	M	R	737-53205
632		A	F	R	737-28729
633		A	F	R	737-53203
634		A	M	R	737-53420
635		A	M	R	737-27960
636		A	F	R	737-53305
637		A	F	R	737-20919
638		A	F	R	737-27611
639		A	M	smchick	737 28972
640		A	F	R	737 26608

Oct 16 1966

#	species	AGE	SEX	STATUS	Band #
641	BFB	A	M	R	737-28931
642		A	F	R	737-27935
643		A	M	immature	587 83283
644		A	F	R	737- 49532
645		A	F	Club	737- 27620
646		A	M	Club	737- 21263
647		A	F	lg chick	737 -27909
648		A	M	lg chick	737- 27539
649		A	F	chick	737-25834
650		A	M	lg chick	737- 27715
651		A	M	chick	737- 21601
652		A	F	R	587- 80951
653		A	M	R	757-63275
654		A	F	immature	737- 20605
655		A	M	immature	737-27633
656		A	F	immature	737-20929
657		A	M	immature	737-53308
658		A	F	R	737 53306
659		A	M	R	587-84047
660		A	M	2999	737-20927

Spotted Sandpiper

Oct 16, 1966

#	Species	Age	Sex	Status	Band #
661	BFB	A	F	Less	737-23733
662		A	M	immature	737-20850
663		A	F	Less	737-23737
664		A	M	Less	737-23516
665		A	M	R	737 20848
666		A	F	R	737 20685
667		A	F	R	737 20846
668		A	M	R	737 28538
669		A	M	R	737 39812
670		A	M	R	737-53359
671		A	M	R	737-20926
672		A	F	R	737-20613
673		A	M	R	737-39978
674		A	F	R	737 20987
675		A	F	R	737 53288
676		A	F	R	737 23738
677		A	M	immature	737 20843
678		A	F	immature	737-23709
679		A	M	immature	737 39972
680		A	F	immature	737 23562

#	species	Age	sex	Oct '66 STATUS	1966 Band #
681	BFB	A	M	immature	737-28933
682		A	F	immature	737 53319
683		A	F	immature	757 63278
684		A	M	immature	737 20709
685		A	M	R	737 49704
686		A	F	R	757 - 62900
687		A	F	R	——— 55
688		A	F	Repp	737-28959
689		A	M	R	737 - 49723
690		A	F	R	558 - 85098
691		A	F	naked chick	757 65247
692		A	M	immature	737 28760
693		A	F	lg chick	737-28949
694		A	M	lg chick	737-27749
695		A	M	immature	757 62873
696		A	F	sm. chick	757-65060
697		A	M	chick	757 63099
698		A	F	immature	737-82441
699		A	M	egg + chick	587-82812
700		A	M	R	737-20618

#	species	Age	Sex	Oct 16 1966 Status	Band #
701	BFB	A	F	immature	737-20749
702			F	R	737 28841
703			M	R	587- 83333
704			M	Ress	757- 65057
705			M	immature	737 53278
706			M	R	737- 20527
707			F	R	737- 49765
708			M	R	757- 65162
709			M	chuch	737- 20627
710			F	R	737- 53424
711			F	immature	587- 85014
712			M	lchuch	737- 28976
713			M	R	737- 20865
714			M	R	737 20640
715			F	R	737 27910
716			M	R	737 20630
717			M	R	737 27698
718	)		F	lgchuch	(737 20552
719	)		M	lgchuch	(737 20867
720			M	R	737 23567

OCT 16 1968

#	Species	Age	Sex	Status	Band #
721	BFB	A	F	lg chick	737-20868
722			M	lg chick	737 20870
723			F	lg chick	737-65264
724			M	lg chick	737-39850
725			M	lg chick	737-27864
726			F	lg chick	737-49633
727	Lesser FRIGATE	AD	M	Chick	777-515 71
728			F	Chick	— 72
729			F	Chick	— 73
730			M	chick	— 74
731			M	chick	737-81624
732			M	chick	— 75
733			M	chick	— 76
734			F	chick	— 77
735			M	chick	— 78
736			F	chick	— 79
737			F	chick	— 80
738			F	chick	— 81
739			F	chick	— 82
740			M	chick.	— died

Oct 16 1966

#	species	Hee	sex	STATUS	Band #
741	Lesser Frigate	A	F	Chick	83
742			F	chick	84
743			F	chick	85
744			M	chick	86
745			M	chick	87
746			F	chick	88
747			M	chick	89
748			M	chick	90
749			F	chick	91
750			M	chick	92
751			M	chick	93
752			M	chick	94
753			F	chick	95
754			M	chick	96
755			F	chick	97
756			F	chick	98
757			F	chick	99
758			M	chick	777-51586
759			F	chick	600-46
760			F	chick	737-82456

Oct. 16 1966

#	Species	Age	Sex	Status	Band #
761	Lesser Frigate	A	M	chick	457
762			M	chick	458
763			M	chick	459
764			M	chick	460
765			M	chick	461
766			M	chick	462
767			M		464
768			M		463
769			M		466
770			M		467
771			M		468
772			M		469
773			M		470
774			M		471
775			~~F~~		472
776			M	737 81636	~~953-27080~~
777	Sooty Tern	A	U	R	953-27080
778					863-53724
779					25
780					28

Oct 16 1966

#	species	Age	Sex	STATUS	Band #
781	Sooty Tern	A	U	R (pool)	26
782					27
783					28
784					29
785				(pool)	30
786					31
787					32
788					33
789				(pool)	died
790					34
791					35
792					36
793					37
794				(pool)	died
795					38+39
796					40
797					41
798					953-06367
799					42
800				pool	died
801					48
					43
					44
					45
					died
					46

Sooty T Returns Oct 16

953-26493

7530-222-0078

FEDERAL SUPPLY SERVICE

GPO c43—16—73124-2